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THE
SECRETS OF CREATION

AN OUTLINE OF SCIENTIFIC PHILOSOPHY

BY

SYLVESTER SIRIGNANO

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PREFACE

The scope of this little treatise is to propagate a sane scientific doctrine which does not confuse the mind of the multitude humans, although a scientific philosophy was to be in great need.

I took up the work, and regardless of a highly finished literature, most important problems I have tried to explain.

The first part, a particular attention has been turned to popularize the first principles of natural phenomena.

The second part, is to introduce the scientific analytical formula in the Universities and Accademies of Science. A complete formula should be written for each plant, animal and man. To do this, a co-operation of scientists may bring the work in light.

My experiments mostly have paid special attention to psychical researches. Wonderful result I have obtained, and eliminating any prejudice of supernatural creed, led me to draw the fundamental law of natural phenomena whose formula the second part of this treatise gives an example as well as the entire book talks for.

It surprises when a new name emerges from the depth of the infinite; like a new star in the firmament. No, do not surprise yourself, neither use no scepticism, but an excuse may be granted to me for the crude and coarseness language I have used. The rest, you should, the same as I, to be obligate to God; and with me admire the grandeur of His work; and obey His Law.

THE AUTHOR

MERIDEN, CONN., May, 1921.



GOD

THE FIGURE SHOWN ON OPPOSITE PAGE REPRESENTS THE CREATION AND ITS CREATOR.

THE FORM OF GOD IS UNKNOWN; AND, NO FORM WHATHSOEVER CAN BE PERCEIVED SINCE THE CREATION IS ONLY AN EXPRESSION OF HIS THOUGHT. THEREFORE, TO BETTER EXPLAIN IT, THE HUMAN FIGURE HAS BEEN GIVEN.

AS IT SHOWS, GOD IS THE SUPREME PSYCHIC. AND THE SOLE GIFT THAT HAS BEEN GIVEN TO THE SOUL IS AN INFINITEIMAL PSYCHICAL FACULTY BY WHICH LIFE DEPENDS ENTIRELY.

THE SECRETS OF THE CREATION

PART I

THE IMPORTANCE OF SCIENCE

By the aid of Science we penetrated in the mysterious realms of Nature, but little has been explored.

Chemistry is a branch of science which gives out the explanation of Matter. Has Chemistry found the real origin of Matter? And of what real substance is constituted?

We have by the great Lavoisier that "Matter is a subject of continuous transformation". This great axiom proves real while we are looking at. As the same Galilei affirmed under the so abhorred tyrannic law of the Inquisition that "the Earth still rotating yet". Who does not know of it now? But these like others gave to us a world at all different as once was thought; and with these true idealism man is quite different as he was a time ago.

The gleaming of these facts soon dazzled the uncontrollable thought of man to a disorder system with which the world is set in a painful condition. Instead of running so rapidly forth to reach a goal not yet known leaving blindly behind the most of the precious. We must stop, and return back to the point of departure.

Suppose now that an explorer of tropical regions has the deep feeling to investigate the flora and the fauna, when he is on full of investiga-

tion he shall renounce, because encountered by the impenetrable forests he must abandon the task, and most precious of his work left. When we read the book of such exploration with a very attractive title we find ourself deceived at the end; like a romantic adventure, because the real end could not be reached.

All branches of Science shall cooperate, it is of importance necessity. Work out all in order to give light to the world which would not confuse.

Chemistry, Physics, Botany, Zoology, Biology, Mineralogy, Geology, Astronomy, Mechanic, Psychology, Physiology, Matematics, ecc... are all supported one by another, like stones of an edifice. Who is able study these sciences as whole? No, no man yet did, except a poet colouring it in phantastic shape.

MAGIC IS SCIENCE ?

Magic is the Science of sciences. No mortal yet succeeded after strenuous attempts; God is the only true Magician known.
For this matter the reader will find ample explaination in the following chapter of Psychic of this treatise.

WHAT IS SCIENCE

Emile Zola, the celebrated French romance writer, said: "If not now, a day will come that Science will discover God." Has Emile Zola formulated it right? I should say yes, because Science only can trace the path where God still hidden. But, Science never will present God to us in the way we believe. Most of people are confused about, and regardless of criticism, I must confess that no man yet has the conception clear of our Creator.

I call the attention of the multitudes to consider the Science the main object to find Truth; and if we want, it shows at our marvels.
If we want lie we find it, but, lie is a void of unlimited abyss in which

we are lost. That is the meaning of Science the one that will find truth fearlessly.

MY OBSERVATIONS AND RESEARCHES

Many scientists are poundering their talents to explore in Science by synthetic method the powrful force that Matter exirces through itself, and being it very obedient to the thought (Psychic); scientists are sodisfied to represent Science a supreme formula.

Here is the point where every branch of Science shall meet; and the formula represented by them all, must be complete.

Scientists now-a-day, as ever there was, nearly all, are working on one scope: that of insulation of the atom. This scope is not to enlighten the world of truth that there exists; but to obtain absolute comad of Matter for the destruction of the sublimity; for the consequence the supremacy of the world is wanted! I do not blame, this is the world of conquest. But after whole he, the man, must succumb to humiliate himself before death; and of his sarcophagus will be forgotten by time immemorial to that of nothingness.

Returning to our point of view, and considering Science the revolutionist of to day, we must find her true complete formula.

My costant observations and experiments on every subject led by Nature brought me to a definition which put every natural laws under our control. A prominent magician turned all his energy to find laws how to obtain heat that even refractory substances would melt. This is a trifle! What constitutes the fire container?

Science cannot invent or create; she only discover. We then turn these discoveries to our benefit; not materially only, but even morally. So, in my researches I have found that the creation is made of three essential elements: Soul, Psychic and Matter.

SOUL, PSYCHIC, AND MATTER LAWS

The essential elements that constitutes the creation are three: Soul, Psychic and Matter. Without these elements the creation is impossible. Of these three the Soul is positive, the rest are negative.

The Soul is the protagonist of the immortal Poem written by God for the Eternity. Laws are involved in the course of these essential elements. And these Laws are complied with Time and Space. We own to these Laws the sublimity of the creation.

What will come of a railroad train while in motion if the engineer become an outlaw of mechanic and signals rule? Certainly a clash or a wreck will occur, and persons and material will mingle awfully. This is very simple example illustrated.

LIFE

Life does not depend by the Soul. Life depends entirely by Psychic. The progress of Life depends by Psychic's power.

The true unit of the Soul is very obscure to be proven; and only hypotheses are drawn. Thus, in scientific formula the unit of her is taken from the first stage where Life emerges; that is when Soul acquires Psychic in the lowest power, or the beginning of Life. It is impossible for Life to appear if Soul does not acquire Psychic. Soul is in ascending scale, and takes shape on Psychic's faculties passing from "dead matter" to a "living matter:" This is Life.

The Life that I was talking is the Life of the simplest form: vegetation. The Life of man then, is a narrow passage over the gap of a dreadful chasm. As the Life ranks higher the passage is narrower and the chasm deeper; the fear to walk over is greater. This gap would do no harm if every Law of walking is kept right. But, if a disequilibration occurs while passing, causes a fall of incomparable ruins.

Knowledge, truth and courage are the objections that incumbence

the Life of man.

THE STRUCTURE OF THE SOUL

The base of anything that is positive. The form or the structure of anything that has the powerful action to spring out Life: is the Soul. The Soul is an eternal invisible agent; the lowest grade of her is shattered in elements of which compounds are formed. She is subjected to a continuous modification; and through Life and Death she will be released from the lower to the higher. The Soul acquires faculties while growing. The primeval faculty is Psychic. When the Soul acquires Psychic, she will appear into Life clothed of living Matter. The living Matter dissolves into dead Matter when the Soul abandons it. As it shows, dead Matter is an aggressive agent to the Soul when she is on the ascention, the only custodian is a sinless Psychic. Psychic and dead Matter are continuously in battle; Psychic, however, when in full energy wins, and partially subjugates her with being serviceable. If Psychic feels exhaust of energy, can't protect the Soul of the aggressiveness, she may foretell the ascertained dead. Our planet the Earth is formed of Souls that are coming from a terrible inferno. The grandeur of God here is shown: the sins are punishable! We are odbservers of all these scenaries' view without paying a minimum attention to them; or take it by other means; or illusory. The Soul passes from realm to realm in ascention through evolutions. In the first realm, Soul acquires very low Psychic: is the beginning of Life (plants'.)

In the second realm, Soul acquires higher Psychic (animal life.) In the third realm, Soul acquires higher Psychic than that of the second, and takes form of man (mankind's life.) The third realm is represented on our planet the highest known apparently. Psychic in this realm becomes more complicate than the precedent, because Reason and Genius are intricated. The work that is in execution in third realm is due to the man's Psychic and her power.

More incoming realms the Soul has to pass till she will be perfect

or genuine. Of these realms are beyond even our imagination. Only about the fourth realm we may perceive something, because the nearest to us.

The symbol of the Soul is An., from the Latin, anima. To denote the first realm is A_n^1 . To denote the second is A_n^2 , and so on. These symbols united with others will construct the scientific formula. (For this matter see Part II of this treatise.)

THE STRUCTURE OF PSYCHIC

Psychic is an intellective agent for which, when the Soul becomes incorporated, Life appears. To Psychic has been given the faculties of birth, growth and dead by the age. The age is composed of infancy, of youth, of adult and of old or decrepitude. Psychic goes with time apparently, but it is not; she is subjected to laws like anything else; because, in reality, time is a fixed shadow in which everything moves. (See Time in this treatise.) Psychic is not a stable agent, she varies with the constitution of her own body; with the environments; with time. She changes at every second; this is due to the faculty of rapid travel; the imaginary power and the obliviousness that has. Psychic wants to be independent from the Soul, as well as that of Matter, but she can't live without their union. So, they are forced by the Law to cooperate together, and from three they form one; this is called in philosophy "I". The shape of the Soul depends by the intellectual power of Psychic. Matter ought cloth her that way. Without Psychic, Life is impossible; and the progress of Life is dependable entirely by her power. She propagates with the velocity of light, and penetrates in the remotest regions with her own phantastic eye. She is an obedient medium of higher Psychic, and wonders at anything new; this is due to fact that she has no power to percieve through dark. Dark is the utmost enemy, and warns of its danger. That is why, when tired and falls to sleep, she looks first for a safer place. Psychic is overpowered by necessity which is an abstract of stimulants. Amo-

ng the chief stimulants are: love, hunger, fear, courage, honor, beauty, ect. She undergoes into two phases: conscious and subconscious. Conscious is when Psychic commands Matter; we commonly call it activity. Subconscious is when she does not commands Matter; but herself consider; or meditates; or formulates plans that fit to the best of her judgement and power for a conscious phase. She may have advise from the Soul and may obey. The only utterance of the Soul is Reason and Sublimity. If Psychic disobeys the Soul's advises, she becomes a rebel, and her doings are only voided of truth; disgusting; harmful and phantastic; she is in costant combat with the Soul, and leads Matter (body) to criminality. When Psychic reaches to such state; Soul tries to annihilate her for separation; that is why, suicides are committed. This occur when she belongs to the third realm, or the realm of man.

The house where she abodes is the brain. She accustoms with the environs most allowable. She is the medium between Soul and Matter. Her symbol is Ps. Her power and faculties of which she varies immensely, will take place over 's' of the symbol numerately in the formula. (See Part II.)

The phenomena of Psychic has a limit in each realm; and her history is very great. It is foolish to talk of Psychology without comprehend in detail what she is; her meaning; and all the facts concerning her existence. So, this treatise gives only a general idea of her, just to draw the scientific formula out of the mysterious realms which Nature occults.

THE STRUCTURE OF MATTER

Matter is the material substance by which Soul and Psychic attain the vestige of resurrection. It consists of two kinds: 'dead matter' and 'living matter.' Dead matter has no life. Living matter has life. Matter is composed of atoms. Two atoms in group, or more is called molecole. We must not confuse atom for electron. Electrons are particles of Matter that carry the energy through a gap of void spa-

ce by disruption. Matter and energy are two distinctive things. Matter can't exist without energy; and energy can't exist without Matter. Matter is a servant to both Soul and Psychic. She is very obedient medium to their language, and expresses the emotion of their work by the evident signs of the acts. Matter, as low as she is an obedient servant, she may be fatal to both Soul and Psychic. Matter is a deadly agent; that is why Matter is a terrible enemy to them. To any way we go, we are plunged into Religion. Science, therefore, does not discover other than the 'true Religion.' This Religion then is the only dogma that brings out the mysteries. So, Matter is nothing else than the lowest grade of Soul voided of Psychic; or to better call it, the first vestige from which Soul emerges from the depth of Hell's abysses where she is moulded. The only service that the living matter does, is to carry incessantly Soul from the dead world to the live one. This must not escape from our mind that, if Matter which constitutes our planet, the Earth, would have the right temperature all over the globe, and all what can be fitted for life; it would flourish an enchanted world. The fairy tales would come true! What about the prehistoric life of our world? The monster fossils tell us the stories of a past life. And what more about the fascinating history of man? But, all these vicissitudes of things proceed orderly in accordance with the laws successively. We must not ignore the wonderful seed that the living matter reproduces of each species; we do not see it in dead matter. And is impossible to produce an artificial plant, or animal into life; or change them as quick as the magic wand lauds to do! It requires Idea, Time, Space, Matter, Soul, Psychic, Energy, Laws and Work. And we, ourself are not out of these items to command them, but only we may learn the Laws to a better understanding, and to control the lower and to be guided by the higher; it is for own benefit.

Returning to our point of view; Matter represents the visible world in the limit of our senses. But, we must consider this too that, if we have had born without eyes, light for us would be useless; and, if we had eyes without light, the eyes were useless as light. Would we ima-

gine light since we had no eyes? What form to it should be given? And light was with us, and not percipience of it would be possible without the eyes! This illustration may be applied to hearing and any other sense that mother Nature by the order of God, gave to us. Why we must not thank to the Creator, the Omnipresent God, of these gifts? What are the gifts that a right Soul will get in the ultimate reach?

Matter accompanies the Soul in her evolution under the power of Psychic in the state of living Matter; as soon as Psychic loses her power, the Soul sublimises, and Matter (living) dissolves into elements again by which is constituted. This phenomenon, we commonly call it 'Death.'

Psychic very often is effected of abnormality caused by accidents, or sickness, or even by Nature. In this case, Matter 'living' is depressed, or deformed, and shows the signs of dullness, or deficiency.

Psychic feeds of Matter which causes 'hunger.' Or to better say: Psychic consumes energy extracted from Matter 'food' by the way of the organism, and no other agent does. As much active she is, much energy consumes. "Consume" is a word predatory used; it means that Psychic absorbs all the energy equal to the work to be performed. And if Matter does not fully furnish energy to Psychic the amount wanted; Psychic forcibly takes energy from the body forming her own 'I' till all is exhaust. Who dies of hunger represents this phenomenon.

To denote a general Matter, the symbol M. should be in use; the rest are symbols that Chemistry uses. (See Part II, the scientific formula.)

Dead Matter has a reaction of her own, and is formed by elements or by compounds.

Scientists are in trouble with Matter, because they can't find out how separate absolute energy from her. It seems impossible since the subsistence of energy is Matter. But as far as we are, we see in Matter a considerable reservoir of energy. A partial energy is used as power in our industries; and in war time for enemy destruction.

To living Matter belong the first realm; or the realm of vegetables. The second realm; or the realm of animals. The third realm; or the realm of man.

To dead Matter belong all the elements and compounds from which rocks, water, air, gases, dry wood, decaying organic bodies, sun, stars, all metals, ect. are composed.

THE FIRST REALM

The structure of the Soul gave us an idea of what she is, but not the evolutions for which she is in mission. How and why plants, animals and men's realms survive the life of dead Matter? The story will be too long for mention it here. Only what chiefly interests us should we turn our attention with no loose of time. If we give a glance to Astronomy, surely we feel astonished, even though if we were astronomers. H. Gernsback, Member of American Physical Society, and Editor of the Monthly Periodical "Science and Invention" formerly Electrical Experimenter; calls our mind 'microscopic.' This is very true; we are too behind yet to grasp the grandeur that exists into eternity.

Professor Michelson succeeded recently to measure the exat size of some fixed stars, although they open a tremendous chasm of billions of miles from us. We take Betelgeuse in the constellation of Orion, is fourty millions times as large as the sun. It requires then three hundred and fifty suns side by side to make a diameter of this tremendous red-hot world, Betelgeus! While it appals our imagination, is nothing to the eternity. I have tried to express this grandeur of Astronomy among the ignorants, my surprise was not little when I had the answer "Do not believe. They print any kind of this stuff for money making. They are money makers." Nonsense indeed ! But, I do not blame them in reality. Too many false doctrines are in circulation; and many propagandists are around. The federal law should be more rigorous about the false teaching. So the people would not use scepticism before truth. Science is not a false doctrine, please! I have said it in the beginning of this treatise. We own to science the discovery of electricity.

We own to science the discovery of motion picture. We own to science the railroads. The automobiles. The aeroplanes and dirigible balloons. The explosives. The submarines and steamers. The wireless telegraph and telephone. The electrotype, printing, and all the graphic arts; ecc. The progress of the present age is Science. Why we should not believe her? We leave Astronomy that I call it the Sublime. I call our attention now to the first; or the realm of plants. How and why plants' life survives the subsistence dead Matter for a period of time? We do not need to mind much the splendour of Astronomy, but our Geology, Chemistry and Agriculture will give us ample work to do.

The phenomenon that Nature has to accomplish the law of life, is the Soul that passes from realm to realm. The first realm that the Soul accrosses the board line of dead Matter into life is plant.

Did not pass under my eyes without being observed an organic body in putrefaction, or in fermentation. The phenomenon is very interesting; but we shall discuss it apart. (See "Evolution" in the following Chapters.)

The catalogue of the first realm shall begin to classify plants from the very bottom to up. The catalogue now in existence begins with the cryptogams family. It seems that at certain depth of the oceans some plants resemble entirely of rock formation.

Oceanography indeed should be studied with more vigour, it varies greatly from the land life. The catalogue that collects the plants kingdom is called Botany.

THE SECOND REALM

It looks very deceivable that brings us to misbelieve, but the observations lead us to the conclusion of the facts. We can't make experiments of this kind, because we can't create Soul, as well as Time, Energy, Space, Original Idea, ecc. Good thing we are not God! Is really that animals came into life from the plants? And is really that man came into life from the animals? Is really that plants came

into life from dead Matter? Now answer: Can an animal live without plants? Certainly not. Can a man live without plants or animals? Certainly not. Plants only feed out of the dead Matter directly. Men and animals, is the only water that they get directly and oxygen by the way of respiratory organs. Plants, animals and men are the remains of an anterior age which life was of a luxuriant beauty, enchanted by the innocent birth. We own thanks to the seeds that life survives, but ever crescent meager! Now life exists by the virtue of seeds. From where the original seeds came since dead Matter is voided of? Considering that this dead Matter once was only a liquid fire, or ignited gaseous vapor? The problem is solved: The Soul must be improved through Life, not through Death; this Law furnishes the Soul of seeds. Death is the extreme point where Life extinguishes, and in that mean Soul is judged by the Supreme Justice. That's why the Soul is fond of Life and fears Death. The Soul in the second realm takes animal form. The catalogue that collects the animal kingdom is called Zoology.

THE THIRD REALM

Soul in the third realm acquires higher Psychic than the second with faculties much different. The Soul in this realm besides of the higher faculties, she acquires Reason, and sometimes Genius. The 'I' that the Soul forms in this realm is called Man. The history of this realm is very ample and fascinating. In it is implied Politic, Science and Religion. The reader will bear in mind that I have expelled man from Zoology where naturalists have placed him. It is erroneous. Man forms a kingdom alone, that's why I have placed him in third realm. The catalogue that collects annals of man's kingdom is called Anthropology.

Furthermore, the reader will comprehend that my 'unit number' is taken from the lower to the higher. Zero is omitted because it denotes matter voided of life. Matter of this kind is dead Matter, for it Chemistry is interested and will use her own symbols.

THE FOURTH REALM

Now if the Soul is immortal as we have seen in the previous Chapters, and passes from realm to realm; we must recognize the fourth realm too, and so on. But a line of stop shall be drawn here, because the incoming realms are unperceivable to our senses, and they are condemned to remain obscure. This realm is the next that of ours, and the nearest; we may feel or see little of its sublimity. And the hypotheses mentioned here are based upon the logical history of Reason: Whys and Hows.

The fourth realm may appear to us the same as the third realm to the second: A wild animal fears at the presence of man, and may assail him or escape. A domestic animal is unconscious of all what happen to him except the habitual training. So we may be guided by the people of the fourth realm without being conscious of their existence, while their life would be much different than ours.

But a most conceivable hypothesis is that the fourth realm will be the ultimate reach, and belongs to the Holy Souls. The board line that separates the third from the fourth there is a Justice House where every Soul shall pass and sentenced; the sinners are thrown back into the abysses where the Divine Furnace lies; it will burn out the sin and make Soul a new innocent mould. A new life begins with the formation of new worlds; and again ahead from realm to realm: a life indeed of undescribable tortures! While the Holy Souls pass forth. Are the suns like that of ours, the Divine Furnaces? Who knows the true sense of Astronomy? We shall behold this grandeur Sublimity; elevate ourself to a dignity worth of understanding; not a trivial life that which corrupts; life without value worth nothing! Reason that the Soul acquires gives us the belief of punishment if disengaged. In reality we own to Reason our conduct.

It is very difficult to reach a holiness life due to our Psychic, it is easy to corrupt her. Like a wild beast tamed by man! Sometimes a fierce battle between Soul and Psychic occurs, one of them must

yeld; man shows great grievance and obscureness; in this while he may become insane. Indeed, Death is nothing than a joyful passage if life has been conducted rightly. It is not so if the conduct of life has been corrupted. The Supreme Justice is always hanged over our heads. Giordano Bruno feared not to be burned alive in Rome, and the ashes thrown into Tevere river. All the Christian Saints who sustained the martyr with terrible tortures for their faith. Christ accepted his crucifixion. They knew that this world was made not for them; they were glad to depart for the world made for. They were not sorry of what they did. The apathetic modernism looks astonished before a courage of such magnitude !

Another problem is to be dissolve: Can the Soul live Matterless, and how ? With such a discussion we penetrate entirely into theological conceptions. Of it is nothing concrete, but our Reason appeals to. It treats of spiritualism. There is a great divergence among scientists, theologians and materialists. This divergence in reality is a mere illusion ! We shall ask to ourself: How bodies are spinning through space (skies;) ? If Soul is voided of Matter, what's her support ? What her mission for ? Why the Creation is made for ? Can Soul be eternally the same ? These things drive us in front of regions never explored. If able to be invulnerable of the antagonistic forces which are for us obstacles of enormous proportion; we face appalling scenaries. The enchanted Nature gives us the privilege to observe her inexplicable marvels. We see different creatures moving along. We hear music with melodies which expression is compared to the magnitude of gods. Perfume of fragrant smell from flowers of enchanted beauty expands through the air. The youth of ever wanted life !

We have seen that Psychic feeds of energy out of Matter for the sake of Soul, and the improvement through Life not through Death. These three essential elements: Soul, Psychic and Matter to form an 'I' must be unseparable; and as high faculties Psychic has equal to the virtues of Soul, such is the value of 'I'. Thus, I feel lost if my talk can not be made understandable. Must depend by me because I did not make clear my thought represented by words; or by the auditors

that have no sense of the argument. So can I talk of poetry to whom has no sense about it?

THE VALUE OF THINGS

The Creation must be made on the value of things. As we see it; things not worth of any value are rejected. The world is in costant struggle for this law. The Creation could not be made if not valued. This law is applicable to everything.

The excretet of our body is the rejected matter of Psychic after the extraction of energy wanted. We like be acquainted with better, educated, elevated people than low and rude. We like eat better food than a bad one; and so on. When we go to buy something we like have the best; we shall pay for its value. A knowledge of a true value of things put us in guard to not be defrauded by profiters.

The value of things depends by the necessity for which we shall use in maintenance of Life. Without the value of things money is worthless. Money is the medium to exchange the par value of things; and as a unit gold has been taken. This is the fundamental principle that the financial science is based; and the commerce enjoys its privileges. In ancient time, when money was not in use, people were exchanging goods; and when of extreme necessity they sold their own daughters, sons, or even wives ! When the sell was executed, a kind of regret was felt by the seller, after a while they changed their minds and a fight occurred. The system was uncivilized; revengeful; and slavery were in style. Instead to buy, most of goods was seized by violence, and battles were fought with extreme hostilities by both sides: one for defense; the other for aggression. They were to be more on vigilance from the aggressiveness of themselves than the aggressiveness of the wild beasts ! To stop this chaotic condition of life, philosophers wrote new doctrines that were adapted by monarchs, statesmen, merchants, ecc. of prominent nations in which money was the leading medium. Gold was taken per unit and was given to the value of goods. This system then amplified

with the aid of laws through which the present civilization emerged. The civilized people witness another struggle arose among themselves: who possesses much more gold he is the exponent power; and behind him a force of destructive compound tends to disintegrate it, that if not realized by the first, this latter will be fatal to. That's why a force of defense has been made for protection of the value of things as a general welfare.

In reality about this struggle that so much smothers the civilization dreamed, we must go way back into the days when man appeared in the world. If we scrutinize this great chasm of centuries minutely, we comparatively find that gold fitted us in the right track, unless it has fallen in corruptency. Man became civilized when the present system was adapted. We face famine when we become work's outlaw. This is not invented, but experience proved it. And too, regardless of critics, I must confess that some people when they face work they hide themselves! People of this kind are destructive only, not productive. Most of prominent men were tireless workers; one of the lot most common to everybody is the great Thomas Edison, the inventor of motion pictures, talking machines, and so many other things for the human society's sake. Prosperous farmers now, they had nothing before. It is all the product of Work.

THE VALUE OF SOULS

Souls are in the same stage as things. They can be bought; not the Souls, but their value. When I buy something, I do not buy the thing I want, I buy its value. What's the use for me if I buy a loaf of bread if I can't eat it? What's the use for me to buy a horse if I can't use him? What's the use for me to hire an electrician if he does not know the trade? I buy or hire the value, not the Soul, I have no use of her if has no value. The value depends by the necessity from where life is attached. Suppose there is a wealthy man dying, and nobody is able to save him, everybody is worthless; a dear price will pay for. Now he needs our value, not us!

Hence on we must remember that Soul is a parasite agent, though destructive instead of productive, and lives only at the expense of living Matter. Now the sole reliable possibility to mantain Soul in life is the Cultivation of the seeds left by the ancestral species to an extend ever increasing production equal to the distribution of the consumers.

Soul has no value without work, and her existence will soon be swept out. This principle leads us to observe something greater. God is a Worker Himself. He is our Leader. He gave us enough material. We can not do what He does, but He invites us to imitate Him. We take pleasure at for a certain time, and as nearer we think to approach more farther marvels we discover, till tired then we look back, a very little or nothing has been done compared with the never reaching Grandeur. Then we feel nihil, and seized by emotion we weep like babies ! He smiles at us; that smile changes our tears in smile too; with a pose like a loving father He says: Take rest now, my sons. With this joke God shows us who He is and who we are. We are figures represented in His immortal poem: the Creation ! Who does not follow Him is a rebel son, and for consequence evil, his end will be very fearful.

THE EARTH'S BRIEF HISTORY

A GENERAL IDEA

We must consider that our Earth works in similar manner like an alternator (electric alternating current generator.) It has its frequencies, phases, cycles and revolutions when in motion. The electricity generated we may turn it into light, heat, power or hertzian waves. Now, enyone of these phenomena that electricity performs depend by the uniform motion of the alternator; and as higher is the speed of revolution so high are the vibrations of electricity set up. Of this allegoric illustration we ought take light for life and the alternator for

the Earth; it will coincide precisely. The Earth differs only by the rotation that is not constant; the rotation of the alternator is constant. The rotation of the Earth must be compared to that of gyroscope. It requires the first impulse, then it rotates by inertia till it stops again. Now, once set in motion, it acquires equilibrium. The air friction and the gravity attraction exert an elastic brake upon it that slack the rotation, and force it to repose again as it was before. Time plays the principal part in it, and the equilibrium assumed changes position as the speed changes. But the Earth has no air friction; she is a celestial body, and is subject to stresses that the celestial bodies exert upon themselves. We clearly feel the stress of the moon by the tidal fluctuation of the seas and the influence of her upon organic bodies. The stress of celestial bodies is fractional to their distance, this is due to the magnitude of their mass and the physical condition of the body respectively with the age. My opinion was that the stress should be proportional, it is wrong, because the celestial bodies are not perfectly spherical. The comets show clearly this phenomenon. The interplanetary course is guided by this stress which intercommunicates them so they do not collide. As far as I see there as a whole, it works in order, guided by one Supreme Law.

THE EARTH'S MECHANICAL LAWS

The first impulse of the Earth's rotation was given by the sun's maximum speed. The terms "maximum and minimum" I apply to the uniform motion of the heavenly bodies. The reader will understand that maximum denotes the molecules of Matter will detach from the central mass that is the paternal body when its motion is at high rate. Minimum denotes low rate motion by which molecules of Matter contract instead to detach, and as evermore the motion slow down Matter becomes cool, hard and heavier. When motion is at maximum rate Matter is in gaseous or fluidal state. When is at minimum rate Matter solidifies or becomes in solid state. Thus, the Earth was only a red-

hot gaseous nucleus detached from the central sun projected into space, and like sisters planets she ought follow the same law. She makes one revolution in 24 hours, 3 minutes and 56.555 seconds. And around the sun revolves in an interval of 365 days, 6 hours, 9 minutes and 9.6 seconds.

The Earth in her maximum motion gave out a nucleus which is her satellite (the moon.)

Anything in existence has its age, and for consequence birth, growth, old and dead is the law. We have all in view, from a simple organic body of few hours of life to tremendous giant worlds of hundred thousands millions centuries, compared with the eternity it is nothing !

As it seems as a general rule: the equilibrium of ethereal Matter will be perturbed by an internal excitement (the everlasting Phrenology of God) which has equal forces in maxima as well as in minima movements of motion relative to the mass. The forces of gravity will be present only when motion is in the minimum phase that Matter contracts. The origin of forces of gravity comes from the exstreme cool regions of heaven in contact with hot bodies, and which surrounds with an enormous pressure the molecules of Matter; it not only slacks down the motion, but tends to disintegrate Matter apparently to a nothingness, or return to the former state.

The final stage of a world is when it comes to a stop. Matter can not resist then the contraction of her molecules any harder, and loosing her internal equilibrium an explosion will occur with an evoke of a terrible concussion giving up whole in fregments flying in all directions. The meteorites are not than the fregments of extinct worlds; such is the fate of our Earth too.

THE EARTH'S PHYSICAL CONDITION

The Earth has a magnetic field. In this field the vessels at sea are directed by the aid of a compass which marks the direction of the magnetic flux. The origin of terrestrial magnetism is yet of unknown nature; but brings me the opinion that it is generated by a thermal

disturbance of Matter forming a vortex of polarized Energy. Magnetism in physics is the same as oxygen in chemistry; and when oxygen is electrized changes in ozone, and ozone in oxygen again. So with the magnetism, it can be changed in electricity, and electricity in magnetism.

The Earth may have no chemical compounds or elements that may exist in other solar systems which effects exhibited is yet ignored. As far as I could see, Science has no fundamental base yet. She can not avail to a higher destiny in that way. She progressed little only in those branches of Physics, Chemistry and Mechanics; the rest is left way back to derision of scepticism !

The most important that Science ought study is the ethereal Matter. This is what represent the invisible world. And the work to be done is not so easy; it requires patience. Remember that we can't create; we only discover. The experience only is our true Master.

The Earth shows various form of energy. Electrostatic is the energy supposed to be in the Earth's atmosphere as well as upon bodies at rest. Is useless to mention here the static machine. The alternator as I have demonstrated previously gives precisely the idea that we seek for; and being it equipped of a step-up transform, a condenser and a spark gap included with all safety means; the spark shown through the gap accompanied by a particular noise (disruptive energy) with a characteristic odor (ozone) represents exactly the lightning and thunder that occur in the atmospheric storms. Being the earth a conductor body, the air an insulator; if a conductor body (clouds) travels in the air traversing the magnetic lines of forces, it charges of electricity by induction. The spark is equal to the potential of the body charged. Suppose that clouds, as usually they are, lower to the proximity to earth; being the air not a good insulator especially when is filled with water vapor (humidity,) the electricity will discharge to earth; a flash of lightning will be seen (spark) followed by a cracking detonation. The air acts between clouds and earth like a dielectric. Flash is seen first because light travels at a tremendous velocity of 180.000 miles per second, while sound travels at

the rate of 12 miles per minute. If electricity of a cloud will discharge to earth through a conductor, may become incandescent if has no resistance enough to equal the potential discharged, or may be melted out if the resistance of the conductor is very low.

Anything that moves on earth causes electricity, but being it in constant touch with the earth will form one body, it charges and discharges in so small quantity that even our attention is unnoticed. But, bodies traveling in the air are charged only to an extend to produce sparks when near or in touch with a conductor. This let me to think about aeroplanes and dirigible balloons of frequent disasters. Being the motors of iron, and some other parts conductors, they are charged, especially if the body traverses the terrestrial magnetic currents that may cause sparks through the gaps of nearest metals, or in touch, when landing, with the ground; a little spark may set whole in flames, or the gasoline tank will blow up. All wires or metals should be insulated including the motors. The suggestion looks deficient, but there may be found other means fitting for the purpose.

Electrostatic is a product of thermo-dynamic energy. I apply thermo to dynamic because bodies are charged either by passing from cool to hot temperature or viceversa. The heat produced by friction of bodies is the energy that Matter possesses. As I have said hitherto, Matter and energy are indivisible; neither one can be changed into another. To obtain energy we only perturb Matter in one way or another. Energy has no form whatsoever; neither can be destroyed. If energy would exist without Matter (as some physicists say,) the universes were impossible to be created. And, as I could discern, these two constitute the regions of God's Phrenology. It sounds ridiculous at first sight, but it is not so.

The energy has no limit in regard to its power, and is invisible. We know energy only by the work performed by it.

Matter is a reservoir of energy. Matter may be visible only when an aggregation of her atoms under certain laws form things. Matter represents the cloth only, while energy does the work. Matter is an absorbent, and most of physical phenomena are due to this particular

virtue; while energy carries almost instantly anything to any distance by the sole contact. This leads me to the opinion that our Psychic avails of such energy, and in a fractioned second of time she may flash pictures of any scene acting by the faculty of imagination into speech.

The phenomena of electrochemistry are very interesting. The reagents are those that perturb the equilibrium of energy associated with Matter, and passing from one body to another carries Matter with it (ions.) I am with Lavoisier to say again: Matter does not destroys but transforms. And yet I add that the transformation is due to energy. The ether as it looks to me, is not more than Matter in her last or first vestige, and may represent Soul Psychicless.

Another phenomenon that electricity performs makes evidence my assertions. Why electricity when passing through a conductor of high resistance under certain conditions rends it incandescent? The answer is: The resistance met on its passage. Now, what causes luminous the spark through an air gap? The answer is: Being the flux of electricity raised to very high vibrations, it passes through the gap with a tremendous velocity; the particles of Matter (electrons) that serve for its conductivity become incandescent by being heated while the air offers the resistance. This will prove that Matter conducts and disperses or absorbs energy through the gap.

THE EARTH'S POSITION IN HEAVEN

Our solar system is composed of eight planets (excluded the asteroids between Mars and Jupiter.) They are: Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune. The nearest to the sun is Mercury; the farthest is Neptune. Neptune is the planet which detached first from the sun's body; and being the sun in the fullest youth, or to better say: its rotation was in the apex of maximum, gave out Neptune big, and in the same time launched it farthest of all.

According to the mechanic law, the sun then became smaller and slower; Uranus detached next, smaller and nearer, and so on until Mercur-

ry. The Earth is, however, the sun's sixth child. Soul appeared in life on the Earth under three forms: plant, animal and man. Science could not detect yet if any other planets are habitable, and in what form in life Soul takes place.

Soul is One, but is shattered in an infinite number of souls (fragments,) and they all are different according to the psychological faculties and power which soul acquires before birth.

The greatest mystery that Science never will discover is: How Soul acquires psychological faculties before birth? It is a prohibitive book to read; it is the book of God. A glance of our sight in it will be enough to annihilate our existence: The secrets of God are known!

Would be too terrible for our Psychic have before her the past and the future. Whole the knowledge that happens outside, Soul apprehends it by Psychic's sight and language. Soul is a timid agent, and fears danger horribly if warned by Psychic; the act of defending will be soon shown, and if unable to overcome, cries, screams are emitted, or faintness will occur.

As far as I could discern, sin determines the Soul's destiny. Soul finds herself in such psychical faculties without know how; and the form or shape of her depends entirely by such faculties. Soul is insensible without Psychic (death;) that's what make me believe that "dead Matter" is constituted of. And "living Matter" is when Soul acquires psychical faculties, and for consequence Life depends entirely from. Before the Justice of God no excuse will serve, though, He will punish sin severely.

THE EARTH'S EVOLUTION

Much of interesting facts have been discussed, but much more are to be. We should not discuss about other planets which we do not belong, since our own did not settled. We ought take interest of ours: the Earth. What she did in the intercourse of ages she has passed through? Geology may tell us something of truth about the Earth's history.

The Earth was only a nucleus of red-hot rather heavy gaseous substance when detached from the sun, and rotating always in the same direction as that of the sun's, she, due to equal force of repulsion of the sun's maximum, was left to her destiny into the immense coolness regions of space gradually going farther and farther until she is to day not less distant than of 92,897,000 miles (due to the eccentricity of the Earth's orbit, the distance is variable, being farthest in June and nearest in December to the sun) from the paternal body; a gap indeed not so fearful as that of sun to sun ! From here the history of the Earth starts to be in account.

Revolving around the sun with ever increasing distance, she was losing partly of sun's heat and light. But, notwithstanding all these, the Earth followed the same law as sun did; she gave out a world too, but smaller in comparison, and in consequence not at a great distance. And this world is her satellite that we see in some clear nights shining at quarters and at full face over the Earth's surface with a pale-cool light (reflected light from the sun) most allowable for night pedestrians and enjoyable for lovers in those warm days of summer. More we want by God ? This satellite we call the Moon. Being the Earth in her maximum phase yet, another satellite was to be detached while she already was plunged in great convulsion. The difference temperature created between the glowing mass of the Earth's body and the surrounding cool regions of space, a compound of gases met to correspond that of water whose composition is: two atoms of hydrogen and one atom of oxygen, that chemically the formula is thus written (H₂O). This water evaporized as soon touched a higher temperature, (near the Earth's body) and condensed in snow or hail to a lower temperature of upper regions. The forces of gravity began with water by descending and ascending though the Earth had not acquired her own, being in her maximum yet.

Big clouds were forming and encircling the Earth. They, first arrested the light that before, the glowing mass and the sun were encroaching by inheritance. No more light thence except that of her own, because that of the sun's was suspended above the horizon.

Water was preparing for long and terrificant battle with fire. Increasing in proportion, water engaged the fight harder. The atmosphere that now we enjoy the breathing of healthy breezes was lighted only by the red glowing mass under, and darkened by black, thick clouds above. Water persistently and incessantly was to perform its duty to quench fire under; and fire, however, on its part expelled it with horrible explosions. No harm, no injury water sustained, only it changed in steam (water vapor) to be water again later.

The magnetic currents were disturbed, associated with thermo-electricity caused electrical storms splitting the forming atmosphere with thunders and lightnings whose part in battle must be similar to a roaring inferno ! Just image dear reader, we were there in that glowing mass to be melted out in the present shape. Fire would not release us if not the persistent water courageously up and down for time immemorial was in continuous combat with fire. At last, fire had to be in retreat yielding ground step by step until a crust not equal for whole the surface was made; the unequalness surface is due to the horrible combat by which the molten mass of the Earth's surface suffered great contortion. Thus, mountains, valleys, hills were formed; but not yet so. While the great battle was in the fiercest struggle between water and fire; the Earth slacked her motion and passed from the maximum into minimum phase. She then began to contract, and her own forces of gravity began also. The forces of gravity favored water to come in contact with fire in quicker succession. Water stored above in great abundance; and being fire yielding ground foot by foot like a defeated army in retreat; water reached the surface at last, but what an awful vision the Earth presented: her face appeared horribly deformed ! Fire left the relics of a long and terrible fight, like a battlefield of a contested ground between two opponent armies. In spite of this, water pursued fire all over the surface imprisoning it beneath. A boundless ocean thus was formed, and fire, even an aperture to see again the sun whose a mighty past would revive in bidding a last good-by, was denied to it. Fire then had not an outlet, nor a vent to erupt out its still revengeful ardor, it swelled in propor-

tion to burst and openings made itself arbitrarily here and there through the crust not yet made solid. Water on its way appropriated of this occasion introduced in the same openings to fight fire beneath too; explosions occurred violently subsiding even the thinny crust all over the surface. Who have sent this water that so persistently adhere to its duty? Who gave it the virtue to strip off life from the devouring flames? Who gave it the power to help life along being serviceable to for any wanted? Can you tell me, reader? Is God! Chemical compounds were formed by the elements of which mostly were carried by the nucleus from the sun. Matter is classified by the elements, and the very origin of them must have been given by God for the formation of His universes; united by Psychic, Soul will appear under form of Life.

Water is an eager solvent too, especially when it boils. And consider if water boiled little when engaged in the terrible fight with fire! It solved great deposits of sodium chloride (common salt used in cooking) of which it became impregnated. Like sodium chloride; a very large variety of chemical compounds were formed in that chasm of time when water and fire battled fiercely. We have found deposits of iron, copper, zinc, lead and others belonging to the family of metals. Silicon, (in great quantity which formed the rocks) calcium, potassium and other elements compounded in proportion in relative to their atomic weight of combination will form the Earth's crust.

Returning to witness the primordial age, we see winds impetuously agitated. Clouds were transported here and there. The sun's rays, after waiting for a period that seemed an eternity, finally the clouds granted them the passage, and what wonder they expressed when with a research eye they had not found fire, but new world made. Water had imprisoned fire on back wall of rocks! Water restlessly coiled the globe all around with mountains like waves which furiously met one against another, and in the clash they seemed to smile in asking the excuse for the infringed law that resulted in white foam. Water would finish the job, but a barrier prevented its entrance in the Earth's body; the solid rock does not allow this outrage. It

has been left to gravity. Gravity will finish the job easier than water; while water must attend another business: that of irrigating life ! Gravity presses the imprisoned fire at all sides, and leaves it to come out easy not on water side, but on land side, because solid matter is heavier than water. Water would press equal to every part to the center if the ocean bottom would be even; on land, solid mountains of rock weight much more than water for the same area. This gave the origin of volcanoes; and the eruption of them is equal to the weight of shrunken mass plus the fractional stresses of celestial bodies. New volcanoes may appear if the older one has no sufficient passage (crater) to erupt the remain molten lava escaping by the enormous pressure somewhere exerted upon by a shrinking mass.

Returning to water again we witness something wonderful: It had diminished in volume by being absorbed by the crust; and at last, land appeared here and there. Shores were washed ceaselessly by the waves. But not far from thence the land appeared in a greenish apparel to be later impenetrable forests. Animal kingdom was allowed to live in these forests like fishes in water. Here antediluvian monsters born and died. Man after all, came to be the king of the Earth. And yet forward, we see the Earth seized by microscopic living creatures. And then even the Earth dies out and disappears into nothingness, like if there has been no existence of her at all !

THE SCIENTIFIC ANALYTICAL FORMULA

PART II

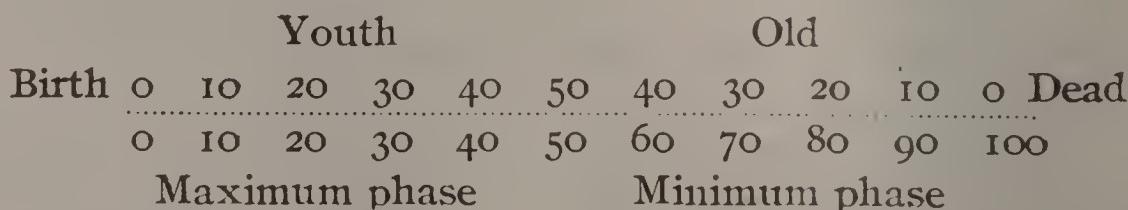
THE EVOLUTION OF LIFE

The evolution of life works in reciprocal relativity with the attraction of gravitational forces. And gravity, as previously has been stated, is equal to the time of minimum phase in which a celestial body falls. From this we may deduce that the three realms of life lived much longer in the past time than it is now; and it is much longer now than the future.

The Creation undergoes one Law: the evolution, which is divided into two phases: maximum and minimum. The evolution means the existence or the duration of a body from the birth to the dead.

Time has its multiple and submultiple. The standard unit of time is the second. The vibrations of light, heat, sound, electricity, ecc. are all submultiple of a second.

The scale here shown represents the course of the evolution of a body; and may be applied also to life and its functions.



The scale's degrees may be termed in seconds, or minutes, or hours, or days, or months, or years, or centuries, or ten thousands centuries,

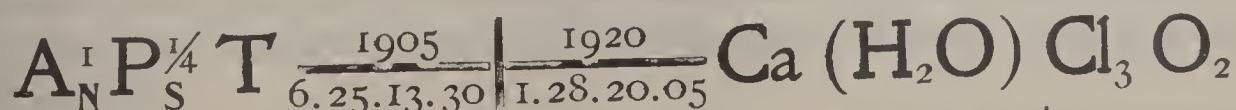
or hundred thousands centuries, or millions centuries; according to the evolution of a body. This is the gap of an existence which can't die in its course if there are no accidents including sickness.

Now, the explanation of phases is simple. A phase is the radius of an evolution. When a body is in first phase apts to generate bodies of the same kind or species. When a body turns into second phase, it does not generate, but the motion slow-down to a point of dead; for consequence, the second phase acquires gravity which annuls the existence of the body. This is what has been termed 'natural dead.' The Creation seems an alternation of things which is not more or less than the Phrenology of God eternally represented, like an eternal Poem.

It would sound ridiculous if I would say, that, a second's submultiple is an evolution. But, the evolution is made up by cycles; and these cycles are no more and no less than evolutions in a rapid succession. These evolutions of rapid succession if do not exceed a second of time are termed cycles, therefore, cycles are all submultiple of a second. A cycle is made up by vibrations. The last term of a duration, I believe, is the vibration; though time is eternal, and precisely is the shadow of God; and, for space is God's magnitude. (See figure on front page of this treatise.)

THE ANALYTICAL FORMULA

We have got an idea already of what is time; now we shall pass to the formula. The formula is a Psycho-time-Matter analysis of each realm. Here an example sketched for each realm will clearly explain the importance to bring Science on solid basis.



EXPLANATION: — A with one (1) above n denotes soul in first realm (a plant.) P with $\frac{1}{4}$ above s denotes psychological faculties;

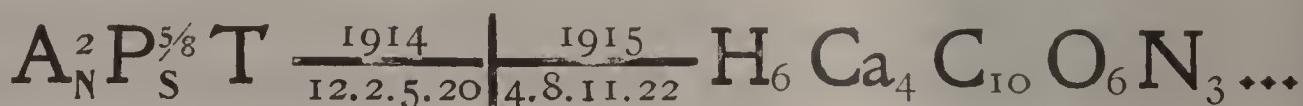
one (1) is the first species catalogued, four (4) is the family. T, denotes time (age:) above the line, left side, is the year when born; soon below from left to right is the month, day, hour and minute. Thus, born in the year 1905; the 6th month (June;) day, 25th; hour, 13 (1 P. M.;) minutes, 30. Right side, above, is the year of dead. Soon below from left to right, is the month, day, hour and minute. Thus, dead in the year 1920; 1st month (January;) day, 28th; hour, 20 (8 P. M.;) minutes, 05. Then, the chemical symbols give to us the Matter of which Soul clothed. Thus, Ca, denotes Calcium; H₂O, water; Cl₃, Chlorine; O₂, Oxygen. Numbers accompanying each symbol determine them in molecule; without numbers the symbols are determined in atom.

If a chemical equation should follow the formula, M which denotes Matter, is omitted. If then a chemical equation does not follow the formula, that is, the plant, or animal, or man chemically has been not analyzed, M must take the equation's place; therefore the formula is incomplete.

The name of ('I') which constitutes each formula shall be written overhead. If links, branches, flowers, fruits, leaves, seeds, ecc. are to be in examination never omit the main formula but to it must add all what belong to connected afterward with braces.

Now we turn our attention on the second realm.

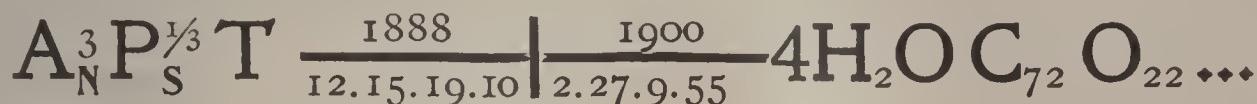
It is thus written:



Note number two (2) overhead of n soon after A, denotes: second realm (an animal.) The 5/8 overhead of s soon after P, denotes: species 5th, family 8th. Then the age and the Matter of which it is constituted.

As though these formulas are for scientific use only, but they may be turned into industrial use as well; some other signs or symbols, if

necessary, may be added regarding poison, explosive, inflammable. The man's formula; if criminal, a sign may be applied over or under Ps. The formula of man, or the third realm is thus written:



Note number three (3) above n soon after A, it denotes third realm. The $\frac{1}{3}$ above s soon after P, one (1) denotes the race; three (3) denotes the psychical faculties in third grade. Remember, the first grade of psychical faculties represents the 'I' in the lowest grade in any formula. It is the first grade that begins the realm; so if a plant just passed the boardline from dead Matter to living Matter, it resembles mostly to an inorganic body. If an animal just passed the boardline from plant kingdom to that of animal, it resembles mostly to a plant while it is not; it is in first grade of animal kingdom. If a man just passed the boardline from animal kingdom, he resembles mostly to an animal.

Remember that Soul takes shape by Psychic faculties; and again I will say, without Psychic life is impossible.

Any complete formula forms an 'I.'

CONCLUSION

The secrets of Creation are discovered. They are laid before us like whole Creation is before God. But to walk in regions where Nature expells the man's foot, is not a task of everybody, no matter if even aimed by science. Science makes no man! Nature allows to walk in her obscure regions only some souls which have a passport from God. Otherwise, Nature is strictly obeying God in every detail, in every law.

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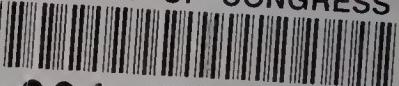
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